AMENDMENTS TO THE SPECIFICATION

In the following amendments, additions are underlined, deletions are struck through.

On page 20, please replace Paragraph 71 with the following:

--For detection, a probe that is generic for HIV RNA (~~SEQID #5~~SEQ ID NO:5) was allowed to interact with the membranes. This probe was contained in the incubation buffer (40 nmol/L). In each experiment a volume of 75 µl was used, without flow. The probes were labeled with the horseradish peroxidase (HRP) enzyme in a 1:1 ratio, using maleimide containing heterobifunctional cross-linkers (Hashida,S., et al. (1984) J.Applied Biochem.56, 56-63). Prior to the HRP coupling the probes were thiolated (Carlsson, J., et al. (1978) Biochem. J. 173, 723-737). After washing with 10 ml wash buffer, a solution containing 3,3',5,5'-tetramethylbenzidine hydrogenperoxide (TMB) (Organon Teknika, art: 78510), was brought into contact with the membranes (no flow). --

On page 25, please replace Paragraph 93 with the following:

--The membrane was prepared with a set of 21-mer oligonucleotides (SEQ ID NO:6-21) (Isogen, The Netherlands) as outlined in Example 2. The list of oligonucleotides is shown in Table 2.--

On page 27, please replace Paragraph 96 with the following:

--The result of the binding is illustrated in Figure 3, after 0, 1, 2, 9, 16, 31, 38, 44, 50 and 55 minutes. The signal increased from 0 to 31 minutes as a function of time. As shown in Figure 3, the specificity of the binding is increased by changing the